

ABSTRACT OF THE DISCLOSURE

An active matrix device with a plurality of column lines formed over a substrate, a plurality of row lines, a plurality of pixels in a matrix form, a plurality of switching elements, a gate driver circuit, a source driver circuit, said source driver circuit including a plurality of analog buffer circuits corresponding to said plurality of column lines, where each of the analog buffer circuits has at least two circuits connected in parallel with respect to a corresponding one of the column lines, each of said circuits comprising at least one thin film transistor, and one of said at least two circuits of one of the analog buffer circuits is positioned in the same line along said column lines as one of said at least two circuits of another one of the analog buffer circuits.